

Fig. 1 is a schematic diagram of a network system. The network system includes a central network (100) and six client devices (110, 120, 130, 140, 150, 160) connected to the network. The client devices are represented by icons of desktop computers. The network is represented by a cloud icon labeled "Network 100". Arrows indicate the connection between the network and each client device.

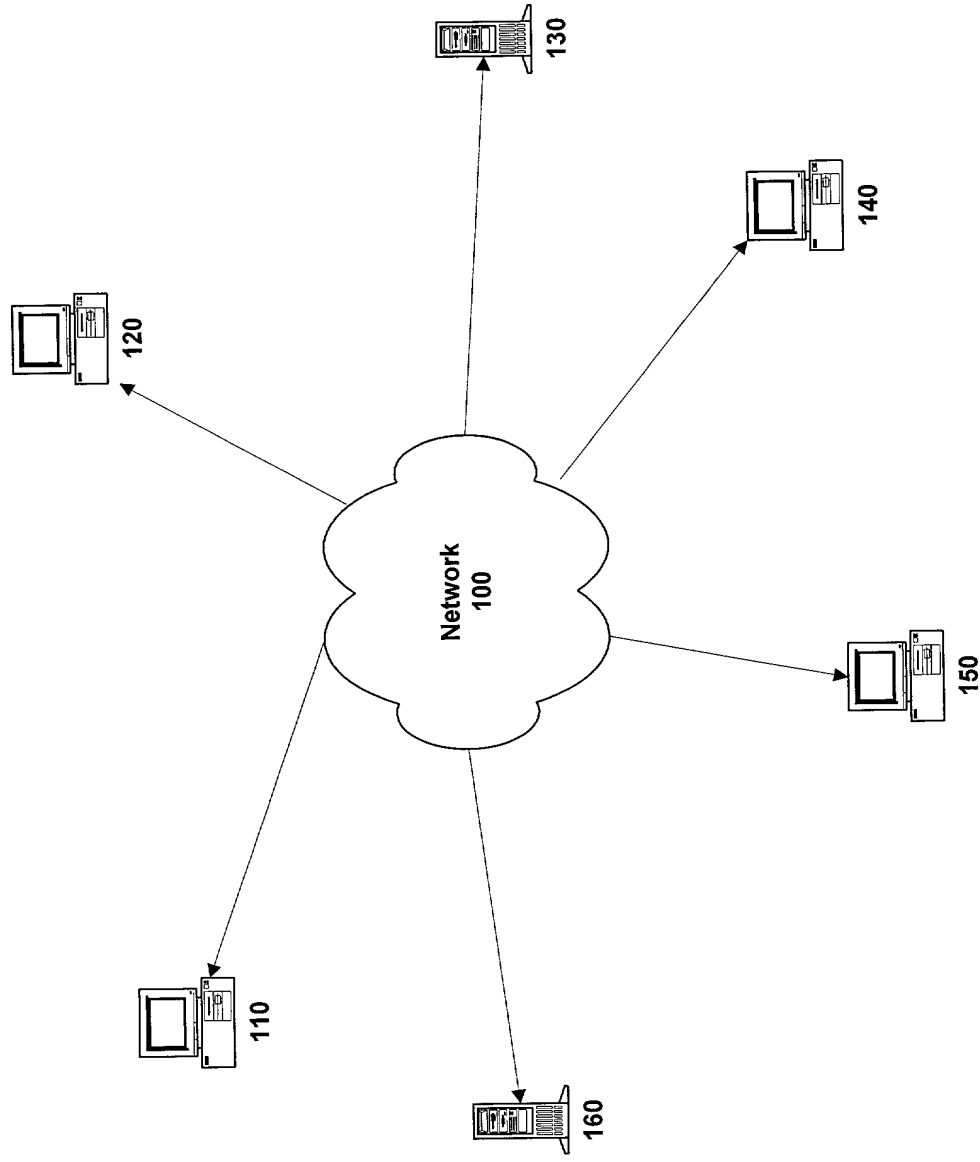


Fig. 1

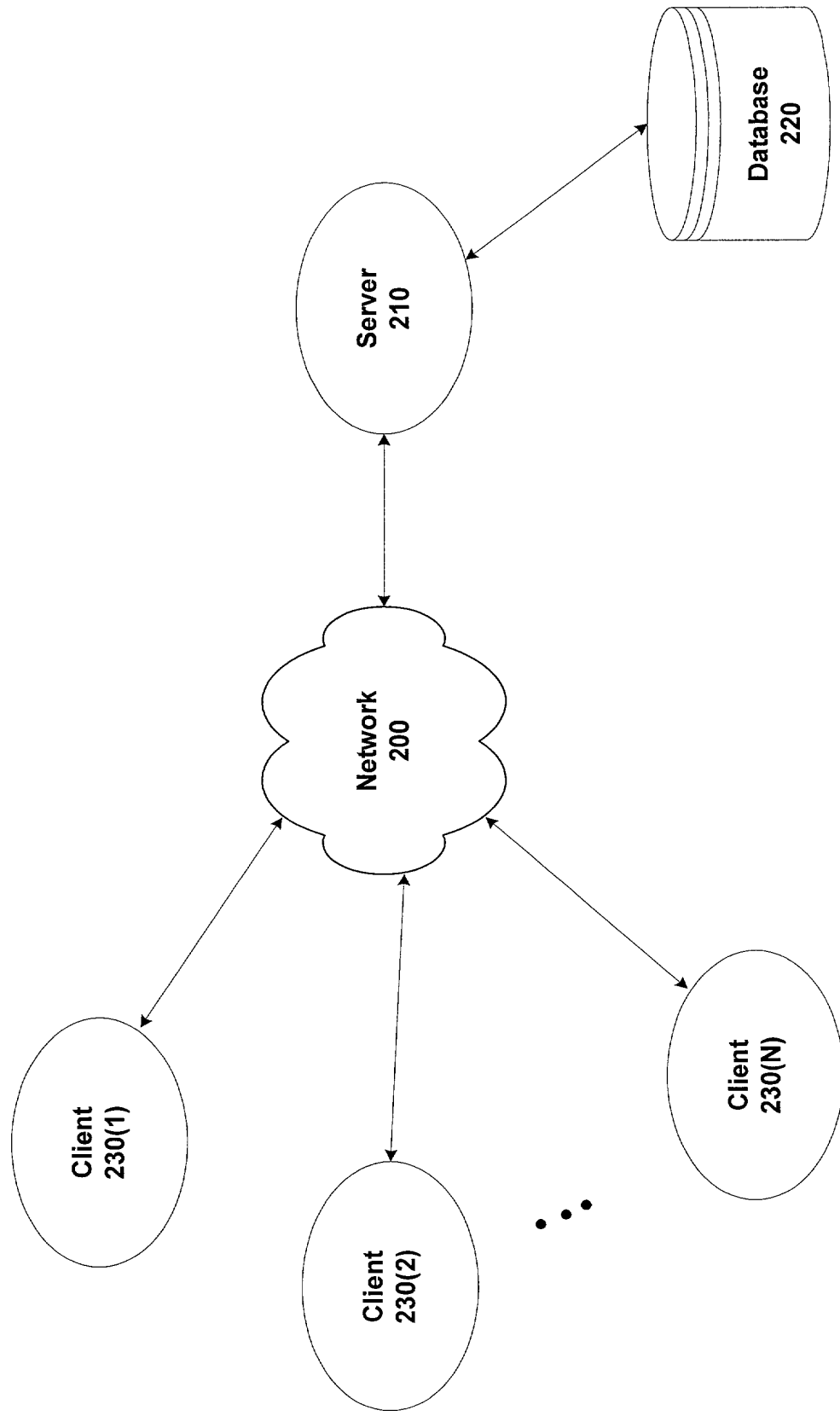


Fig. 2

FIG. 3 is a block diagram of a file system 300. The file system 300 includes a root directory 310, which is connected to a set of sub-directories 320, 330, 340, and 350. The sub-directories 320, 330, and 340 are connected to a set of files 355, 365, 375, and 385. The sub-directory 350 is connected to a set of files 325 and 335.

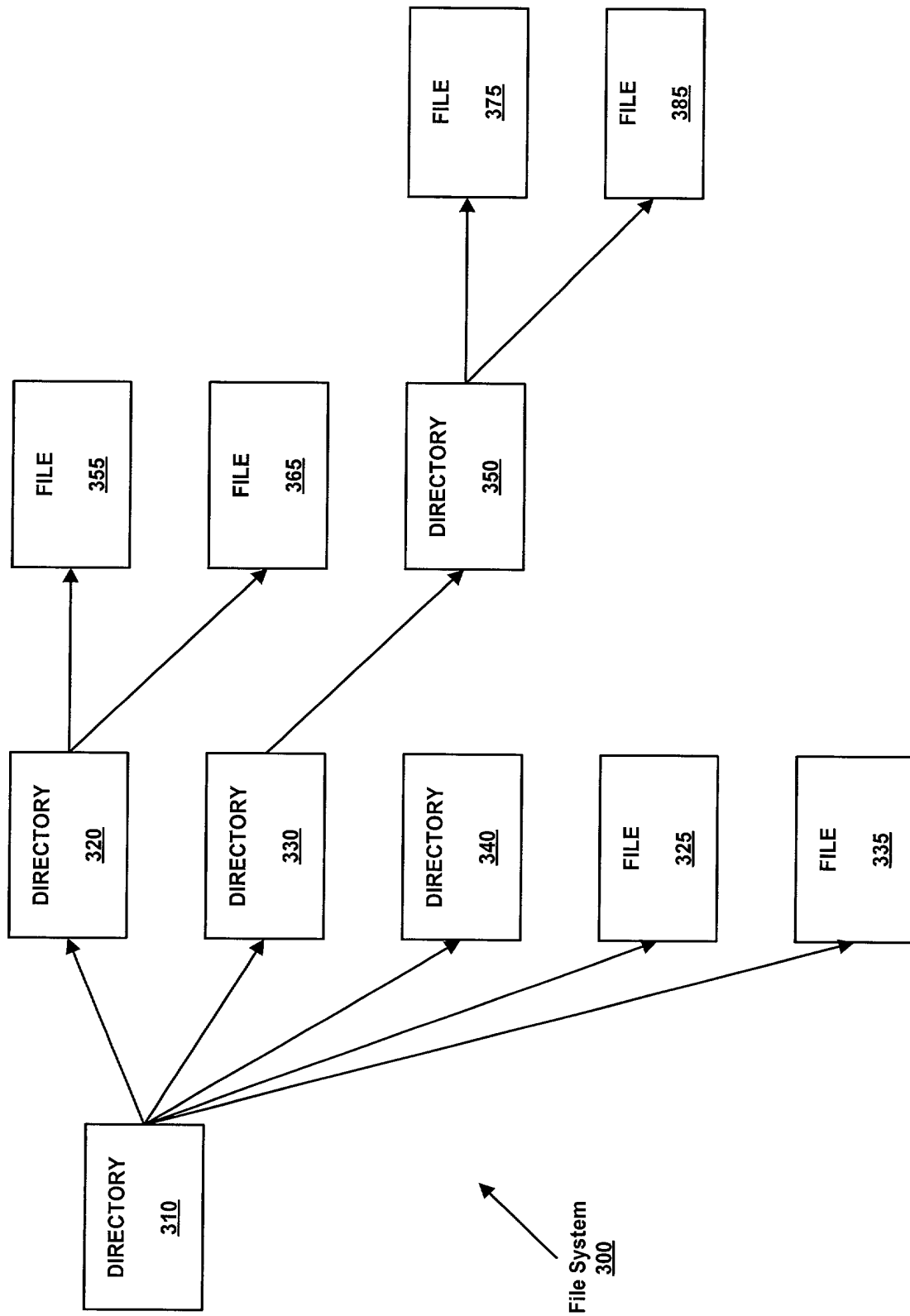


Fig. 3

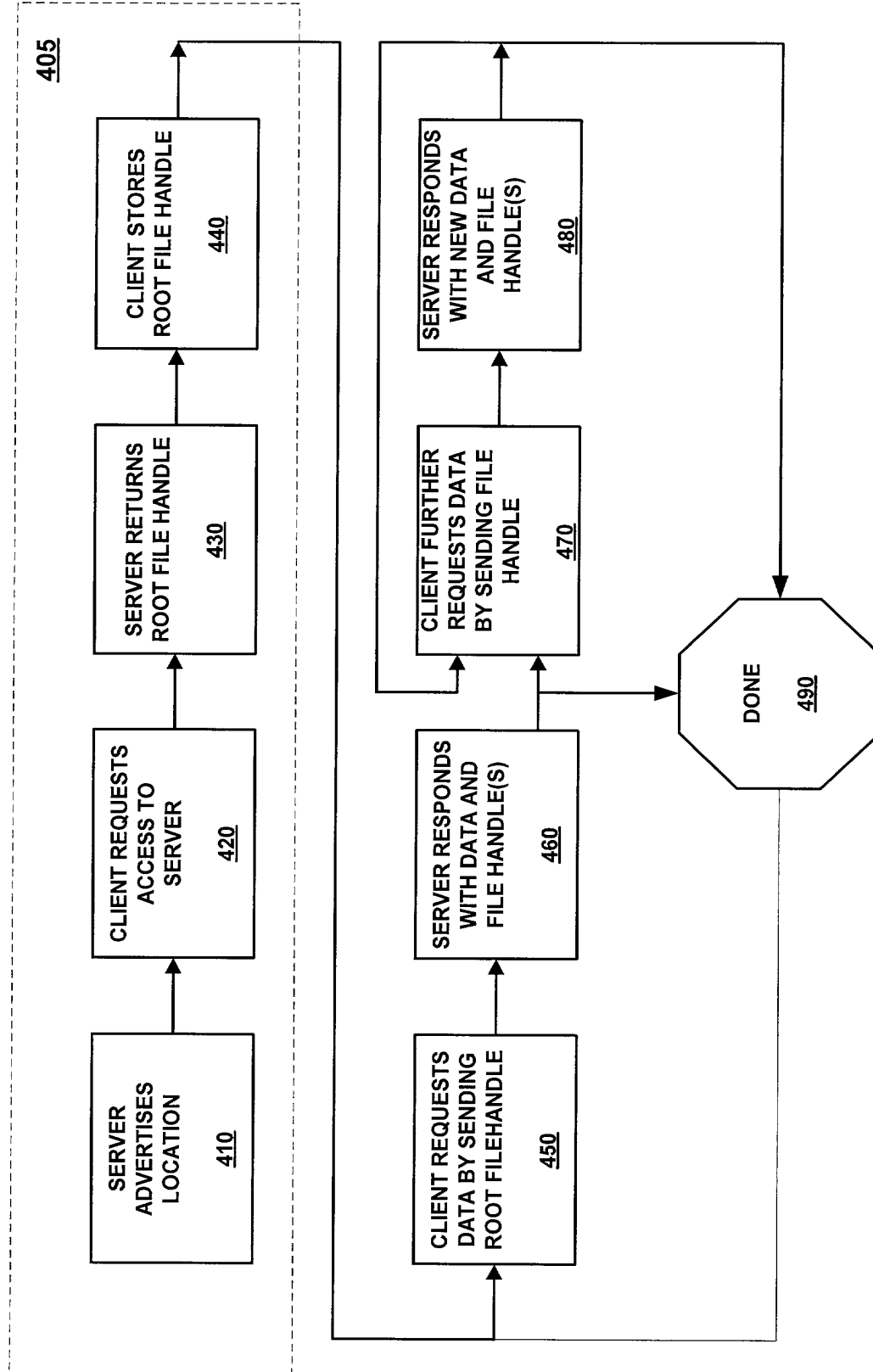


Fig. 4

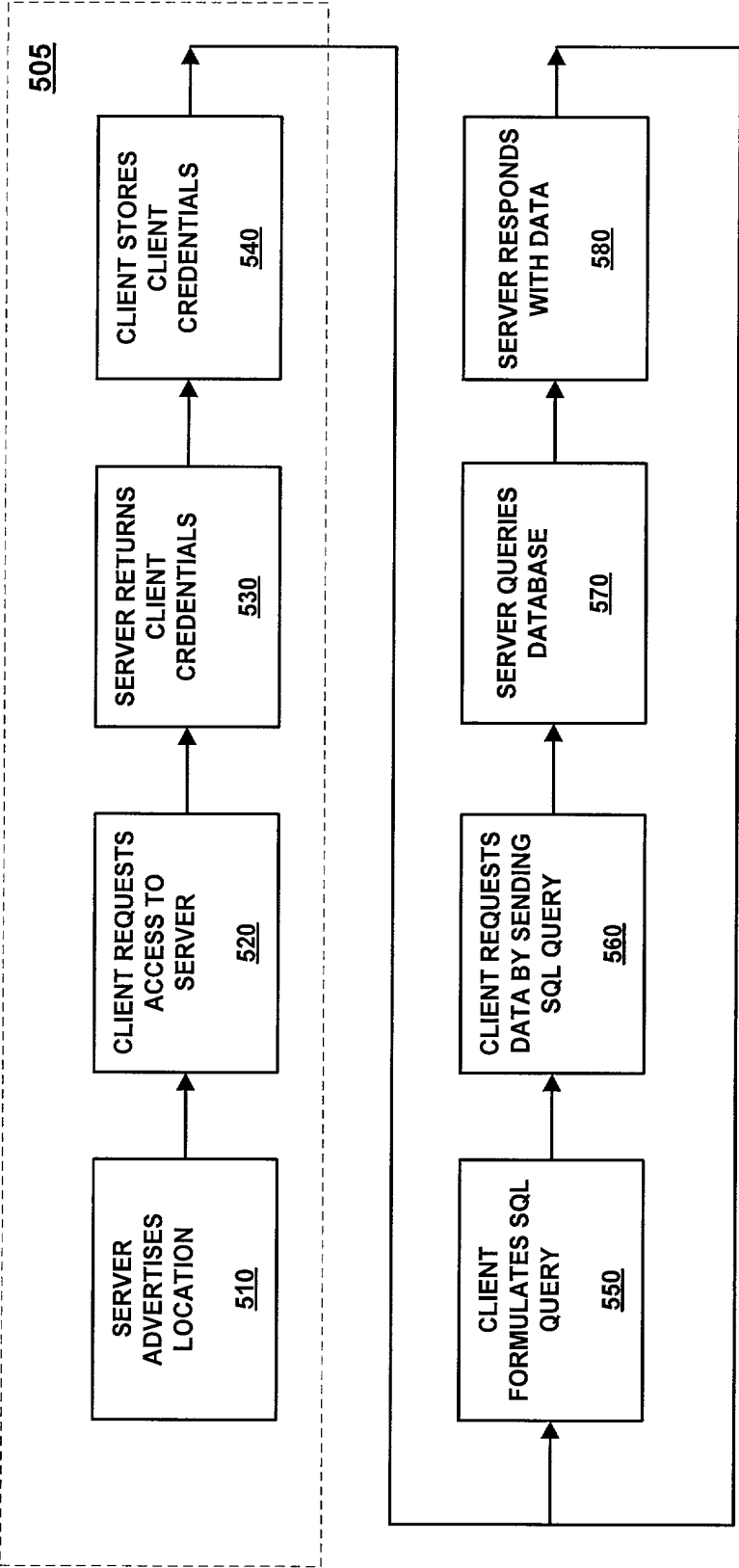


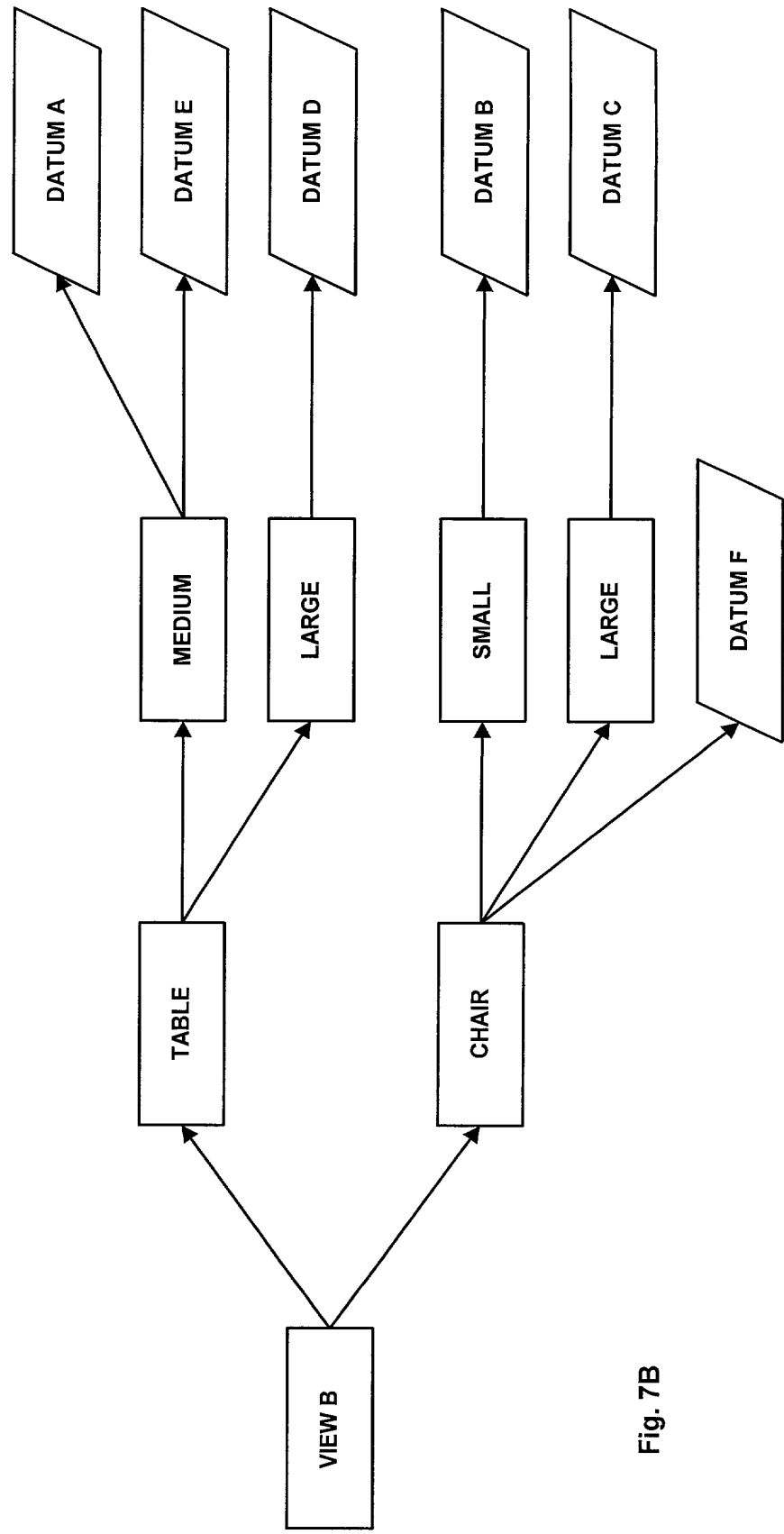
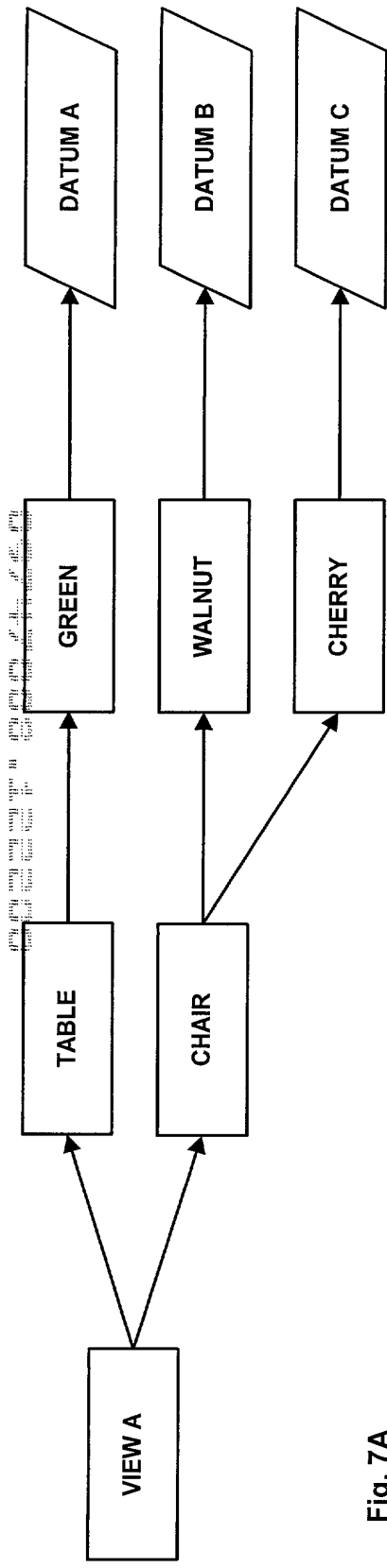
Fig. 5

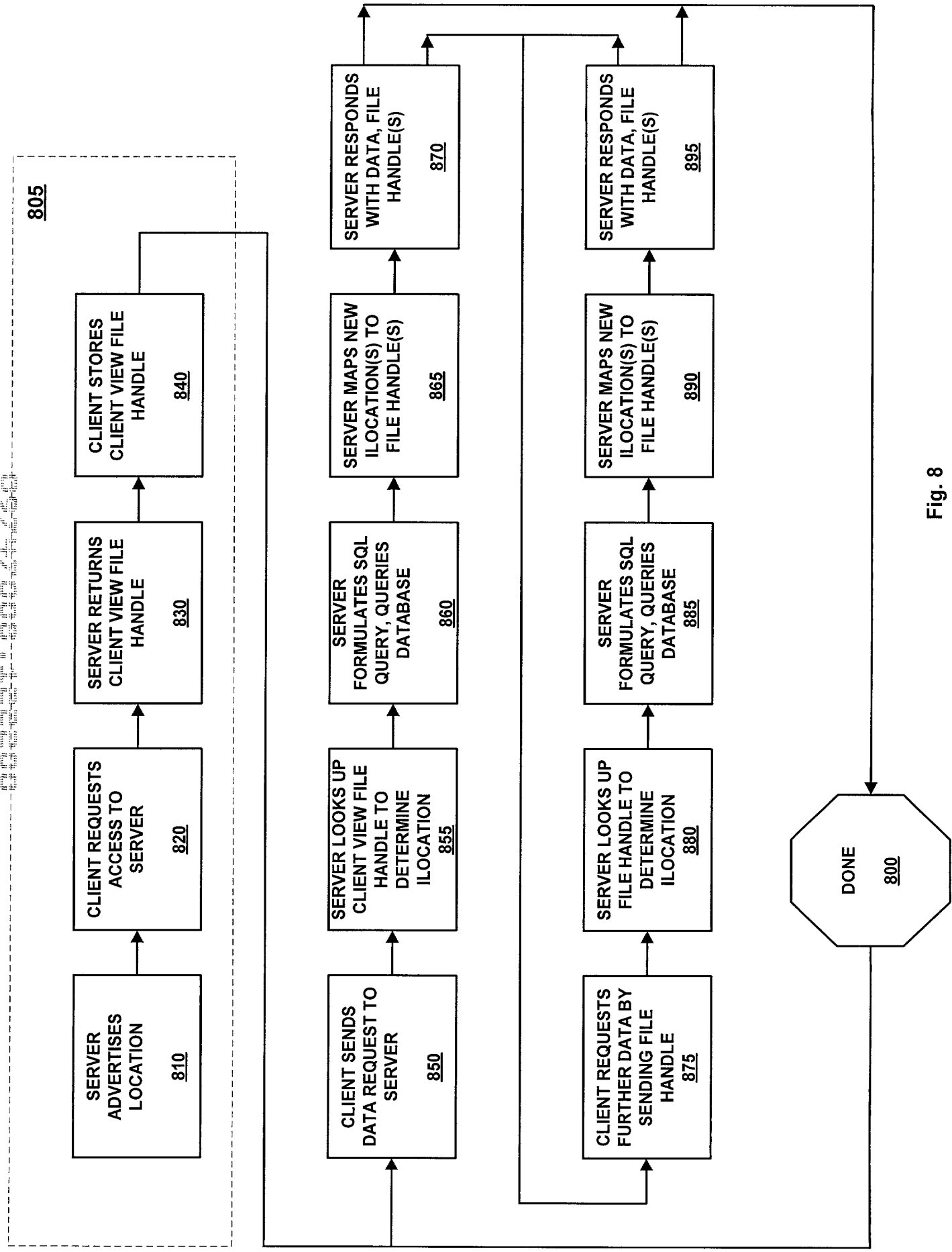
VENDOR	CATEGORY	COLOR	SIZE	SEASON	BLOB OBJECT
COMPANY A	TABLE	GREEN	MEDIUM	FALL	DATUM A
COMPANY A	CHAIR	WALNUT	SMALL	WINTER	DATUM B
COMPANY A	CHAIR	CHERRY	LARGE	SUMMER	DATUM C
COMPANY B	TABLE	OAK	LARGE	SUMMER	DATUM D
COMPANY B	TABLE	OAK	MEDIUM	FALL	DATUM E
COMPANY B	CHAIR	RED	NULL	SPRING	DATUM F

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•
•

Database
600

Fig. 6





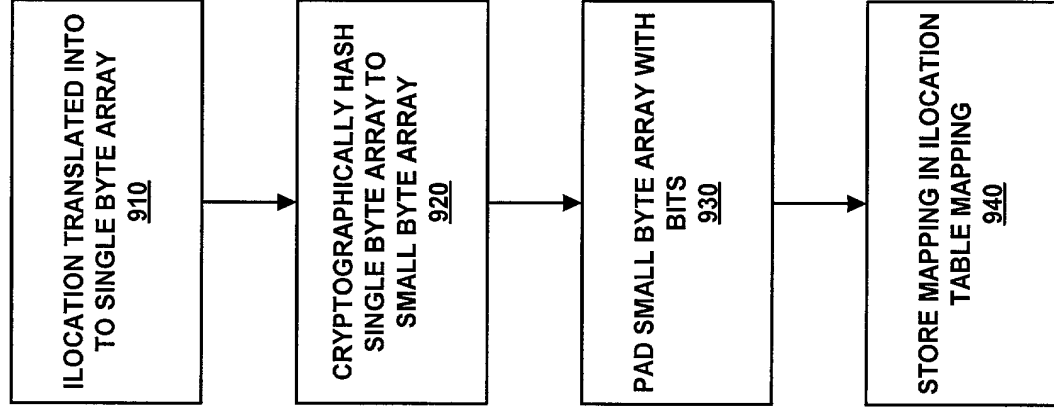
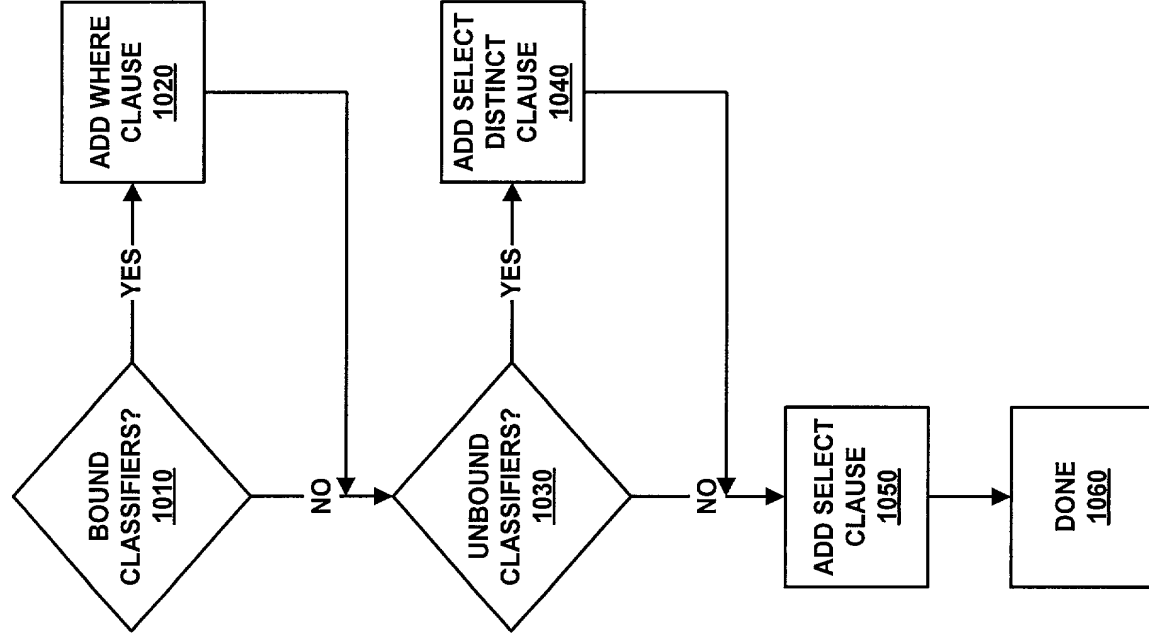


Fig. 9

Fig. 10



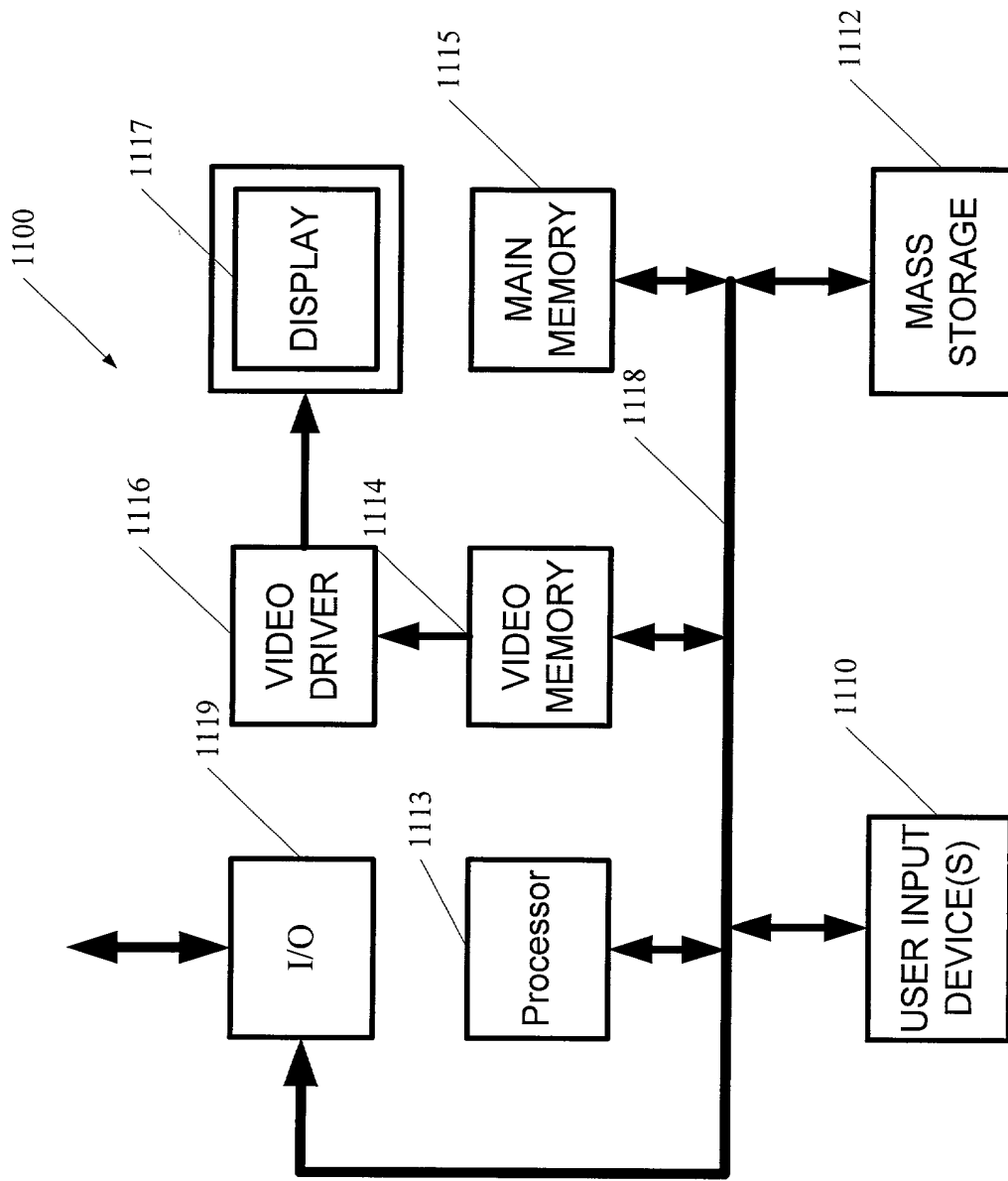


Fig. 11

FIG. 12 is a block diagram of a system architecture. The system architecture includes a HIERARCHICAL INTERFACE LAYER 1210, a DATABASE QUERY ENGINE LAYER 1220, and a DATABASE 1230. The HIERARCHICAL INTERFACE LAYER 1210 is connected to the DATABASE QUERY ENGINE LAYER 1220, which is connected to the DATABASE 1230.

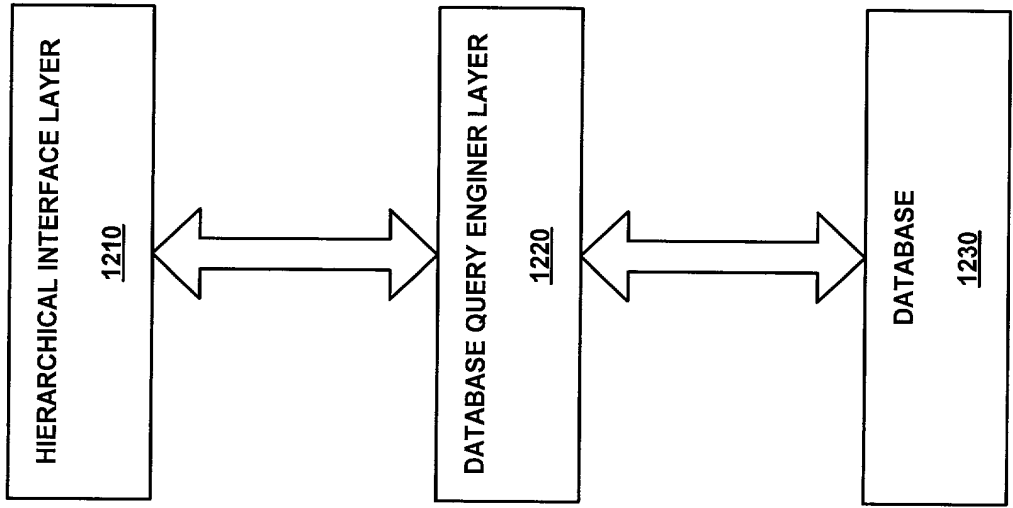


Fig. 12